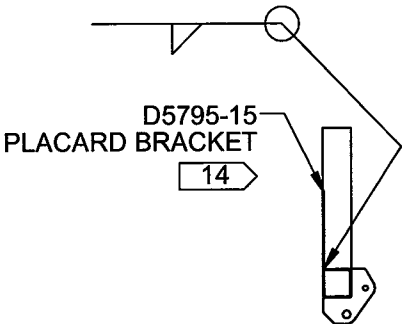
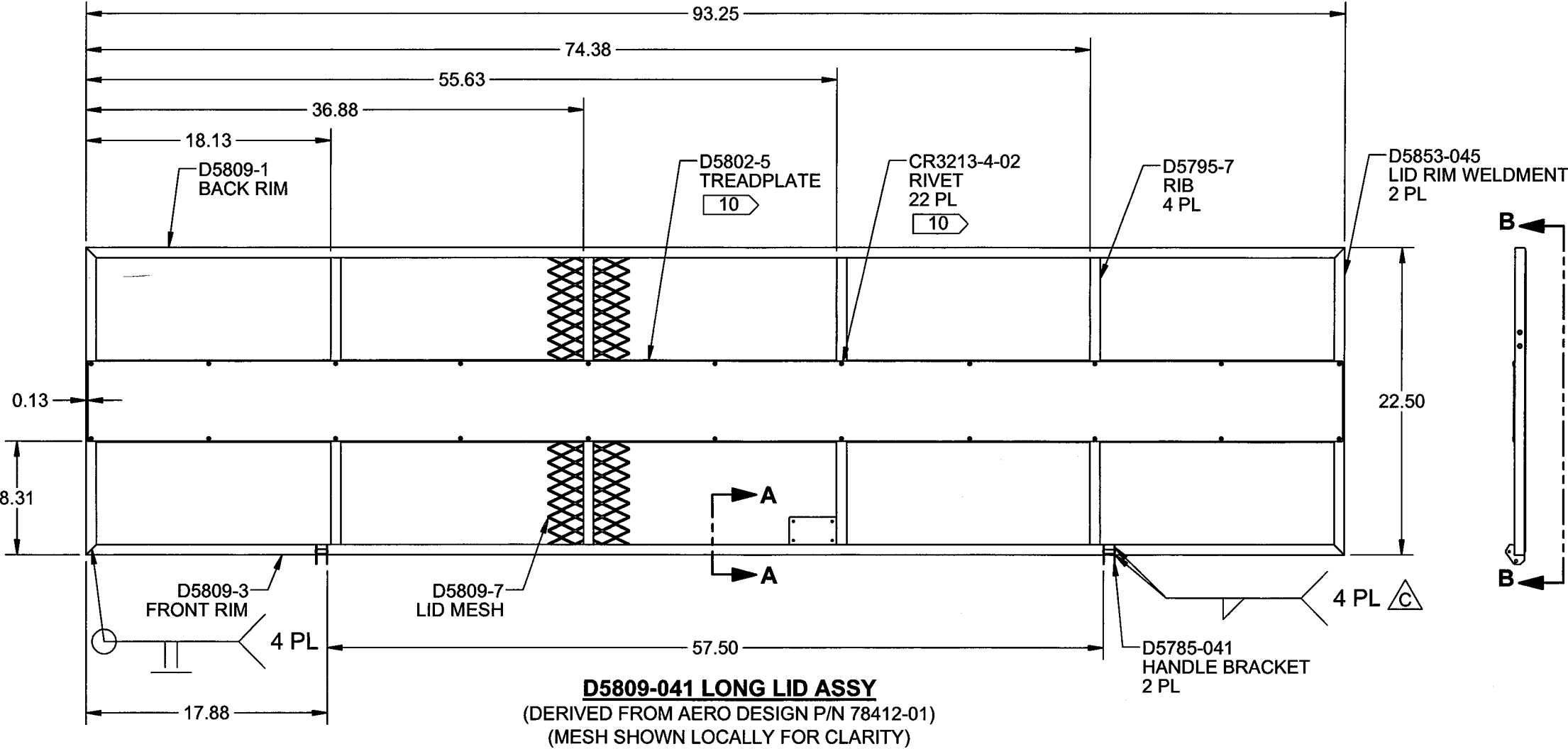


QTY -041	P/N	DESCRIPTION
X	D5809-041	LONG LID ASSY
2	D5785-041	HANDLE BRACKET
4	D5795-7	RIB
6	D5795-11	STRINGER
1	D5795-15	PLACARD BRACKET
1	D5802-5	TREADPLATE
1	D5809-1	BACK RIM
1	D5809-3	FRONT RIM
4	D5809-5	STRINGER
1	D5809-7	LID MESH
2	D5853-045	LID RIM WELDMENT
22	CR3213-4-02	RIVET



SECTION A-A
SCALE 2X



D5809-041 LONG LID ASSY

(DERIVED FROM AERO DESIGN P/N 78412-01)
(MESH SHOWN LOCALLY FOR CLARITY)

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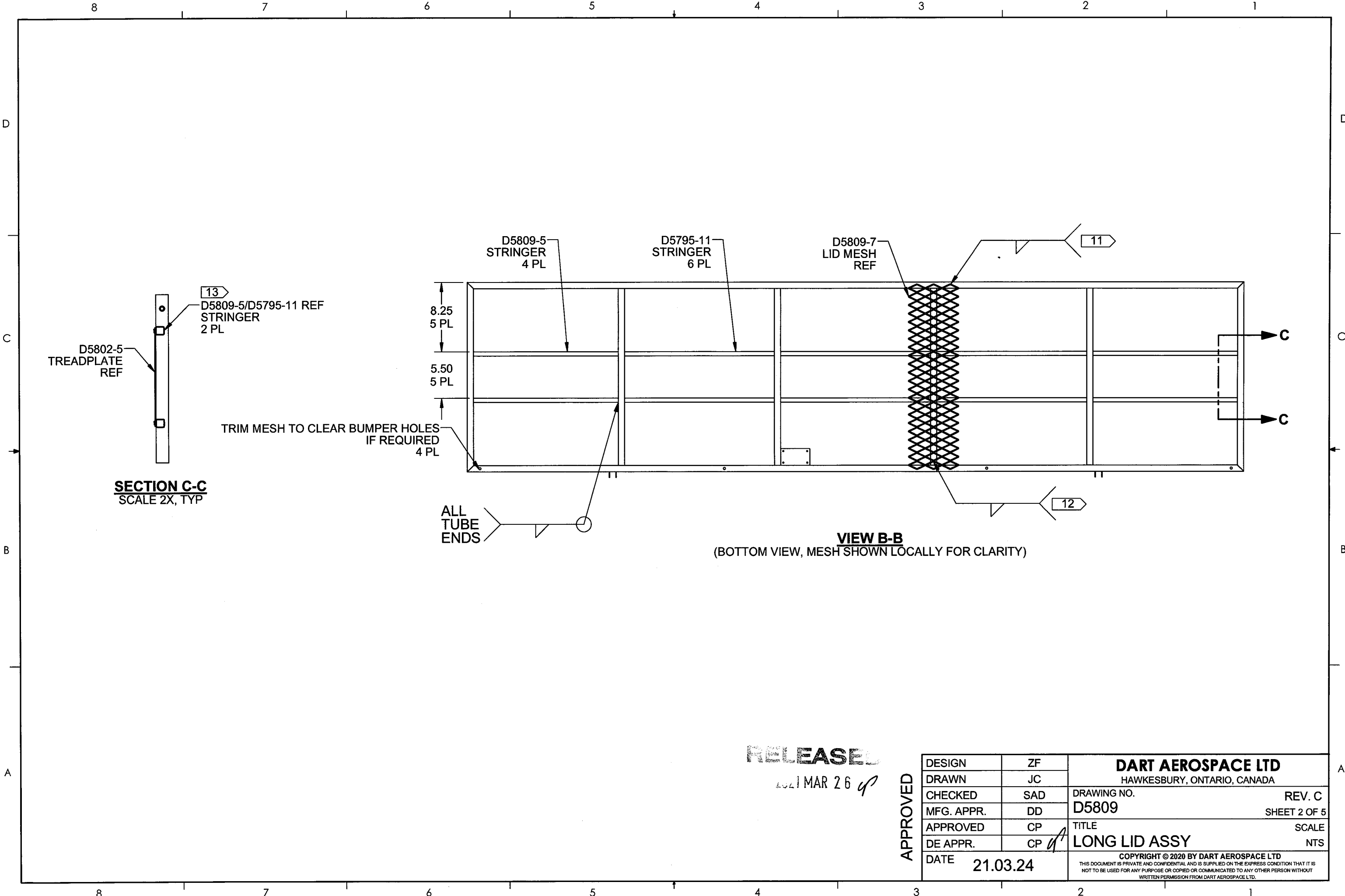
2021 MAR 26

13 ER 2021-132

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3.
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: 22.67 lbs
- 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) INSTALL TREADPLATE AFTER FINISH. TRANSFER MARK AND DRILL HOLES Ø0.129 +0.003/-0.000 FROM TREADPLATE TO LID. FAY SEAL SURFACES BETWEEN LID AND TREADPLATE WITH RTV SILICONE. SECURE TREADPLATE WITH RIVETS.
- 11) WELD EVERY MESH INTERSECTION ALONG RIM.
- 12) FOR EACH RIB, WELD FIRST 5 MESH INTERSECTIONS DOWN EACH END THEN EVERY 2ND MESH INTERSECTION MINIMUM.
- 13) ALIGN STRINGERS TO TOP OF LID.
- 14) LOCATE D5795-15 PLACARD BRACKET FLUSH WITH BOTTOM OF LID. TRIM MESH TO CLEAR BRACKET LEAVING 0.25 OVERLAP. WELD MESH TO BRACKET.

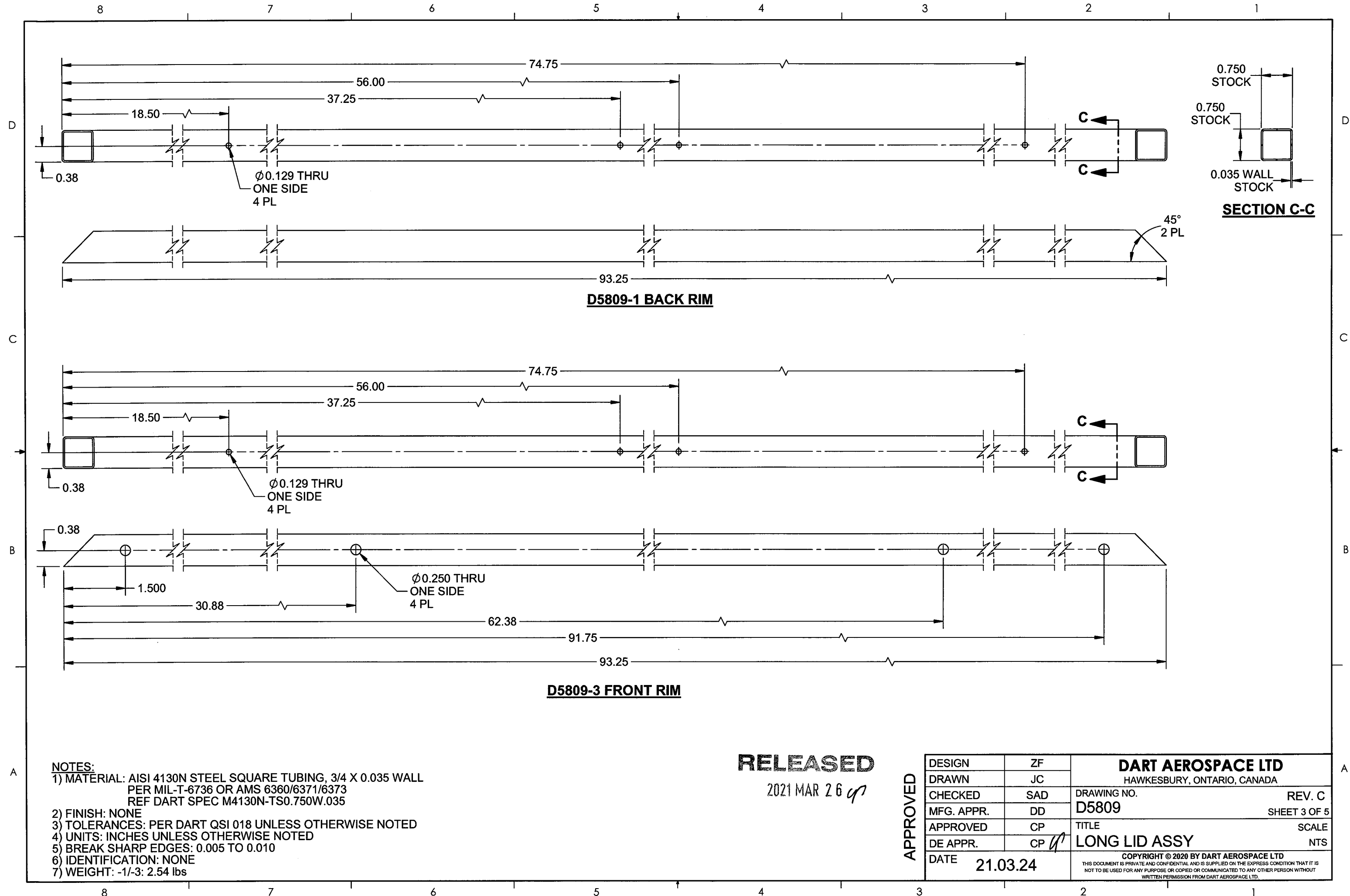
C	SHT 1 ZNB1: UPDATED WELD SYMBOL	JC	21.03.24
B	SHT 1: REMOVED NOTE 13. SHT 2 ZNB3: REMOVED WELD SYMBOL FOR MESH TO STRINGER. SHT 3&4: UPDATED NOTE 1. SHT 5: ADDED NOTE 8.	JC	20.12.03
A	NEW ISSUE	ZF	20.01.21
REV.	DESCRIPTION	BY	DATE
DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO. REV. C	
MFG. APPR.	DD	D5809 SHEET 1 OF 5	
APPROVED	CP	TITLE SCALE	
DE APPR.	CP	LONG LID ASSY NTS	
DATE	21.03.24	COPYRIGHT © 2020 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

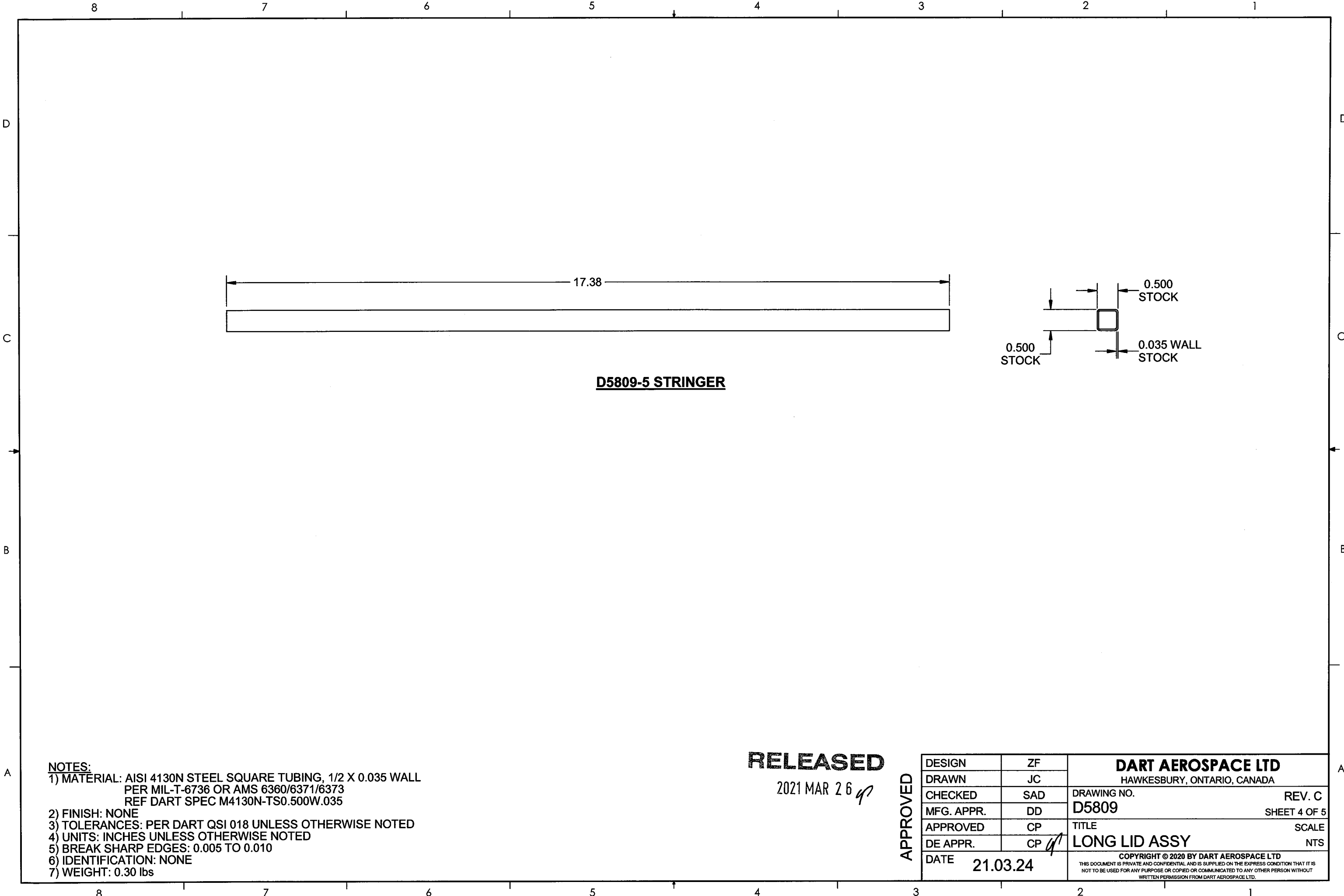


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2021 MAR 26

APPROVED

DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO. D5809	REV. C
MFG. APPR.	DD		SHEET 2 OF 5
APPROVED	CP	TITLE LONG LID ASSY	SCALE
DE APPR.	CP		NTS
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D5809-5 STRINGER

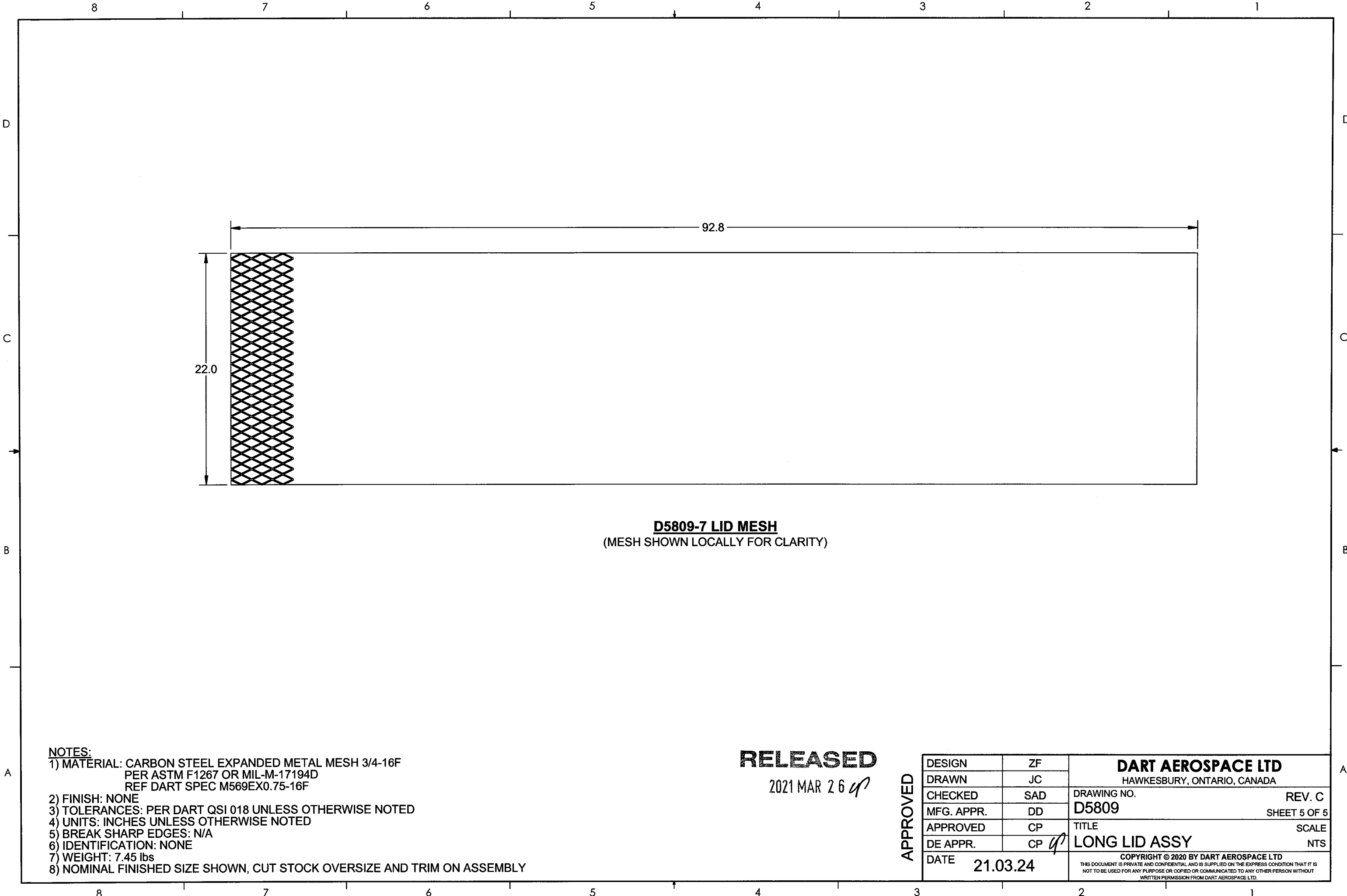
- NOTES:
- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL
PER MIL-T-6736 OR AMS 6360/6371/6373
REF DART SPEC M4130N-TS0.500W.035
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 0.30 lbs

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2021 MAR 26 *qf*

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DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO. D5809	REV. C
MFG. APPR.	DD		SHEET 4 OF 5
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>qf</i>	LONG LID ASSY	NTS
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D5809-7 LID MESH
(MESH SHOWN LOCALLY FOR CLARITY)

- NOTES:
- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F
PER ASTM F1267 OR MIL-M-17194D
REF DART SPEC M569EX0.75-16F
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 7.45 lbs
 - 8) NOMINAL FINISHED SIZE SHOWN, CUT STOCK OVERSIZE AND TRIM ON ASSEMBLY

RELEASED
2021 MAR 26 *qp*

APPROVED

DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. C
MFG. APPR.	DD	D5809	SHEET 5 OF 5
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>qp</i>	LONG LID ASSY	NTS
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